

104.6 - Arsenic Species Standard Solutions

These SRMs are intended as calibration standards to provide SI traceability in the measurement of total arsenic and arsenic species in food and clinical samples.

For related materials see:

[Table 105.4 Toxic Substances in Urine \(powder and frozen form\)](#)

[Table 110.1 Foods and Beverages](#)

[Table 110.9 Dietary Supplement Materials \(includes nutraceuticals and herbs\)](#)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Concentration	Matrix
3030	Monomethylarsonic Acid Standard Solution	2 x 5 mL	17.46 mg/kg	water
3031	Dimethylarsinic Acid Standard Solution	2 x 5 mL	20.47 mg/kg	water
3033	Arsenobetaine Standard Solution	2 x 5 mL	19.06 mg/kg	water
3034	Arsenocholine Standard Solution	2 x 5 mL	19.77 mg/kg	water
3036	Arsenic Acid (AsV) Standard Solution	2 x 10 mL	1 mg/g	HNO ₃ 1%
3037	Arsenous Acid (AsIII) Standard Solution	2 x 10 mL	1 mg/g	HCl 1%
3103a	Arsenic (As) Standard Solution	5 x 10 mL	10 mg/g	HNO ₃ 10%

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only